



ATTORNEY DOCKET NO. 19264.0007U2
PATENT

2821
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Werner *et al.* : Group Art Unit: 2821
Application No.: 10/072,739 : Confirmation No. 2986
Filed: February 8, 2002 : Examiner: Unassigned
For: "SYSTEM AND METHOD FOR GENERATING A :
GENETICALLY ENGINEERED CONFIGURATION :
FOR AT LEAST ONE ANTENNA AND/OR A :
FREQUENCY SELECTIVE SURFACE" :

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.
999 Peachtree Street
Suite 1000
Atlanta, GA 30309

October 8, 2003

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying form PTO 1449 is a listing of documents known to the applicants and/or their attorneys. Copies of the cited documents are enclosed.


Consideration of the cited documents and making the same of record in the prosecution of the above-noted application are respectfully requested.

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Applicants believe that this Information Disclosure Statement is being filed in accordance with 37 C.F.R. § 1.97(b) (3), before the mailing date of the first Office Action on the merits. Therefore, no fee is believed to be due. However, the Commissioner is hereby authorized to charge any fees which may be required, or to credit any overpayment, to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

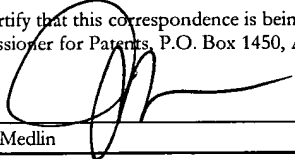


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CERTIFICATE OF MAILING

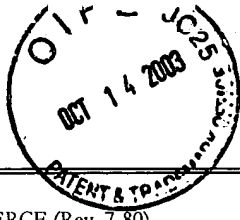
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.



Jennifer P. Medlin

Date

10/8/83



Modified Form PTO-1449
U.S. DEPARTMENT OF COMMERCE (Rev. 7-80)
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.: 19264.0007U2

APPLICATION NO. 10/072,739

APPLICANT: Werner *et al.***SUPPLEMENTAL LIST OF DOCUMENTS
CITED BY APPLICANT**

(Use several sheets if necessary)

FILING DATE: February 8, 2002

GROUP: 2821

U.S. PATENT AND PUBLISHED PATENT APPLICATION DOCUMENTS

EXAMINER INITIALS		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	D1	6,498,587	12/24/02	Desclos <i>et al.</i>			
	D2	6,483,481	11/19/02	Sievenpiper <i>et al.</i>			
	D3	6,081,242	06/27/00	Wingo			
	D4	6,081,235	06/27/00	Romanofsky <i>et al.</i>			
	D5	6,067,056	05/23/00	Lake			
	D6	5,959,594	09/28/99	Wu <i>et al.</i>			
	D7	5,598,032	01/28/97	Fidalgo			
	D8	4,706,050	11/10/87	Andrews			
	D9	3,780,373	12/18/73	Holst <i>et al.</i>			
	D10	US20030034918	02/02/03	Werner <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	D11	"Genetic Optimization of Fractal Dipole Antenna Arrays for Compact Size and Improved Impedance Performance Over Scan Angle," by Mummareddy <i>et al.</i> , 2000 <i>IEEE</i> , pp 98-101.
	D12	"Low Voltage Tunable Barium Strontium Titanate Thin Film Capacitors for RF and Microwave Applications," Tombak <i>et al.</i> , 2000 <i>IEEE MTT-S Digest</i> , pp 1345-1348.
	D13	"Design of dual-polarised multiband frequency selective surfaces using fractal elements," by Werner <i>et al.</i> , <i>Electronics Letters</i> , 16 th March, 2000, Vol. 36, No. 6, pp 487-488.
	D14	"On the Application of the Microgenetic Algorithm to the Design of Broad-Band Microwave Absorbers Comprising Frequency-Selective Surfaces Embedded in Multilayered Dielectric Media," by Chakravarty <i>et al.</i> , June, 2001 <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 49, No. 6, pp 1050-1059.
	D15	"New Genetic-Algorithm-based Frequency Selective Surface Design for Dual Frequency Applications," by Monorchio <i>et al.</i> , 1999 <i>IEEE</i> , pp 1722-1725.
	D16	"Design of convoluted wire antennas using a genetic algorithm," by Chuprin <i>et al.</i> , <i>IEE Proc-Microw. Antennas Propag.</i> , Vol. 148, No. 5, Oct 2001.
	D17	"High-Impedance Electromagnetic Ground Planes," by Sievenpiper <i>et al.</i> , 1999 <i>IEEE MTT-S Digest</i> , pp 1529-1532.
	D18	"High-Impedance Electromagnetic Surfaces with a Forbidden Frequency Band," by Sievenpiper <i>et al.</i> , <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 49, No.11, Nov. 1999, pp 2059-2074.
	D19	"Antennas Research Activities at Loughborough University, by Professor Yiannis C. Verdaxoglou, printed 10/10/02 from website http://www.lboro.ac.uk/departments/el/research/
	D20	"High-Impedance Electromagnetic Surfaces," thesis by Sievenpiper, 1999.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.